

Meeting Minutes Transmittal/Approval
Tri-Party Agreement Milestone Review Meeting
EPA Conference Room
January 26, 1999

Appvl.: *J. E. Kinzer* Date: 2/23/99
For Jackson E. Kinzer, (S7-50)
IAMIT Representative

Appvl.: *Douglas R. Sherwood* Date: 2/23/99
Douglas R. Sherwood, EPA (B5-01)
IAMIT Representative

Appvl.: *Michael A. Wilson* Date: 2/23/99
Michael A. Wilson, Ecology (B5-18)
IAMIT Representative

Prepared by *J. S. Hertz*
Appvl.: Jeffrey S. Hertz (H8-67) Date: 2-23-99
Fluor Daniel Hanford, Inc.



Distribution

Alexander, S.	Ecology	B5-18	Peschong, J. C.	RL	S7-51
Baker, T.	WMH	H6-06	Piippo, R. E.	FDH	H8-67*
Blazek, M. L.	ODOE	OR*	Rasmussen, J. E.	RL	A5-15*
Bryson, D. C.	RL	S7-54	Richards, J.	CTUIR*	
Cruz, R. O.	NezPerce		Rodriguez, H. M.	RL	A5-15
Cusack, L.	Ecology	B5-18*	Sanders, G. H.	RL	A5-15*
Dahl, S.	Ecology	B5-18*	Sherwood, D. R.	EPA	B5-01*
Hertz, J.	FDH	H8-67*	Shon, C. S.	RL	S7-54*
Jim, R.	YIN		Taylor, W. J.	RL	A0-21*
Kinzer, J.E.	RL	S7-50	Valero, T.	Ecology	H5-18*
Knollmeyer, P.	RL	A5-11*	Wilson, M. A.	Ecology	B5-18*
McLaughlin, M. A.	FDH	H8-67*	Yerxa, J. K.	RL	A5-15
Miera, F.	RL	A5-15	EDMC		H6-08
Morrison, R. D.	FDH	H8-67*			
Murphy-Fitch, E. J.	FDH	H8-67*			
Nunn, C. K.	Jacobs	A2-22*			
Payne, M. A.	LMHC	A5-15*			

* W/Attachments

MSREV01.26

Tri-Party Agreement Milestone Review
EPA Conference Room, 712 Swift Boulevard, Richland, Washington
January 26, 1999

TWRS FY 1999 Cost and Schedule Performance Overview

The status of FY 1999 Tri-Party Agreement milestones was discussed. There are three milestones identified as in jeopardy but recoverable and seven that are unrecoverable. The unrecoverable milestones are associated with interim stabilization and will be dispositioned when the Interim Stabilization Consent Decree is finalized (anticipate mid-February). There are three active issues:

- M-41-98-01, Modification to Tri-Party Agreement Interim Milestone M-41-24 and Target Date M-41-27-T03. Ecology disapproved the change request on July 16, 1998; dispute resolution was invoked on July 21, 1998, and elevated to the Inter Agency Management Integration Team (IAMIT) on August 20, 1998. The dispute was extended at the Director level pending outcome of the M-41-22 and M-41-23 discussions.
- M-45-98-03, Single Shell Tank (SST) Corrective Action/Vadose Zone. Dispute was resolved on January 8, 1999, and a change package will go out for public comment from February 1999 through April 1, 1999.
- M-40-07, Commence Operation of a Vapor Treatment System in Tank 241-C-103. The Resolution of Dispute is expected to be signed by RL and Ecology at the January 26, 1999, IAMIT meeting. The stabilization work at Single-Shell Tank (SST) 241-C-103 will be incorporated into the scope of the parties' tentatively agreed to SST Interim Stabilization Consent Decree. The dispute will be suspended and resolved with the final approval of the SST Interim Stabilization Consent Decree and associated Tri-Party Agreement M-41-99-01 Change Request.

The process of developing, submitting for public comment, resolution of resulting comments and final approval of the SST Interim Stabilization Consent Decree and its associated Tri-Party Agreement M-41-99-01 Change Request will proceed in lieu of the underlying dispute resolution for M-40-07. Should the parties fail to achieve final approval of the Consent Decree and/or the associated Tri-Party Agreement M-41-99-01 Change Request, the M-40-07 dispute shall resume uninterrupted at the IAMIT level; the IAMIT shall have 21 days to resolve, extend or elevate the underlying dispute.

Ecology and EPA asked that in the future the status of other commitments, e.g., Director Determinations, be included as a part of the presentation.

TWRS cost and schedule performance was discussed. Through November 1998, there was an \$11.9 million (26 percent) favorable cost variance and a \$7.0 million (16 percent) unfavorable cost variance. There is a disconnect between the TWRS Multi-Year Work Plan (MYWP) and funding; workscope will either be deleted or deferred through the baseline change control process. Funding is still needed for vadose zone, saltwell pumping and the Final Safety Analysis Report (FSAR). Further funding reductions have the potential to impact compliance activities. RL continues to work with Ecology and EPA to identify workscope deletions and/or deferrals. Concern was expressed on the deferral of workscope and the resulting bow-wave in the outyears.

The status of the FY 1999 reprogramming request was discussed. The request is still at DOE-HQ. EPA questioned the expediency of this request since the reprogramming request was scheduled to go to OMB/Congress early in the fiscal year. What will be the impetus to have OMB/Congress deal with the request in an expedient manner when it has taken over three months to get the package out of DOE?

Milestone Review

- M-32-00, Complete Identified Dangerous Waste Tank Corrective Actions: The Tri-Party Agreement M-32-double-shell tank (DST) interim milestone was completed in 1994. The 244-S Double Contained Receiver Tank (DCRT) Assessment Report and the ultrasonic test (UT) of Tank 241-AN-105 vertical wall strip were completed. Activities planned include completing the 241-AN-105 UT; initiate field activities for the 244-A DCRT Assessment, and begin field preparations for the 241-AY-102 UT.
- M-40-00, Mitigate/Resolve Tank Safety Issues for High Priority Watchlist Tanks: Tank 241-SY-101 is exhibiting slow rise in surface level that is not consistent with behavior assumed in the safety analysis; an unreviewed safety question (USQ) was declared in February 1998. The level rise in 241-SY-101 has the potential to impact Tri-Party Agreement Major Milestone M-40-00. Preliminary findings are that the level rise in 241-SY-101 is a phenomenon associated with this tank only. A dedicated task team is working the USQ resolution. Waste remains safe and the mixer pump is still effective. Work continues to refine the analysis tool and framework for DST and SST safety issue resolution. The mitigation/resolution path forward for the level rise issue will be reviewed in detail for potential impacts to other Tri-Party Agreement milestones or program elements.
- M-41-00, Interim Stabilization: SSTs 241-T-104, 241-T-110, 241-SX-104, and 241-SX-106 are being interim stabilized. Since June 1, 1998, 26,757 gallons were pumped from 241-T-104, 20,926 gallons from 241-T-110, 54,239 gallons from SX-104, and 21,683 gallons from 241-SX-106. Engineering and field preparation work is in progress to support 241-S-102, 241-S-103, and 241-SX-106 pump starts. DOE's proposed schedule and funding requirements were submitted to Ecology December 18, 1998 and negotiations with Ecology should be finalized in early February. A method will be determined for retrieval of the organic layer in Tank 241-C-103.
- M-43-00, Tank Farm Upgrades: The Project W-314 construction schedule was provided to Ecology on August 20, 1998 (M-43-11 due September 30, 1998). The design for AZ Tank Farm Upgrades was completed in September 1998. A rebaselining report was submitted on January 15, 1999, for all Phase 1 activities due to the British Nuclear Fuels, Limited (BNFL) contract, changes to the Project W-314 200 East package, and to capture tank farm resource availability issues. A review of the report was initiated by RL.
- M-44-00A, Complete Delivery of Information Requirements As Identified In The Annually Submitted Waste Information Requirements Document (WIRD): The first Quarterly Status Report (October 1, 1998 through December 31, 1998) for the FY 1999 Waste Information Requirements Document (WIRD) is expected to be submitted by the end of January 1999. A core sample was taken from 241-SY-101; and grab samples were taken from 241-U-224 and 241-AY-102. The third shipment of 241-AN-102 samples was sent to STRC and the final shipment is staged for mid-January. Resolution of a compliant method for shipping

241-AZ-102 is nearing completion. Based on the preliminary results, solids will be mixed with the tank liquids in a ratio of 1:3 or 1:4 to reduce the heat generation. Investigation into the cause for the Retained Gas Sampling (RGS) sampler failure revealed a generic problem with consistency of materials in the pintle rod, retainer ring and assembly of the samplers.

- M-45-00, Complete Closure of All Single-Shell Tank Farms: Problems continue with the SST retrieval sequence (M-45-02D). The update to the TWRS Operations and Utilization Plan is on schedule. Work was initiated for the FY 1999 update of the Annual Progress Report on Leak Monitoring/Detection and Mitigation.
- M-46-00, Double Shell Tank Space Evaluation: A letter will be sent from RL to Ecology by February 1, 1999, expressing concern on the plan for supplementary Operational Waste Volume Projection (OWVP) updated case run. There is the potential, worst case scenario, that new tanks would need to be built.
- TWRS Privatization: All BNFL deliverables and RL reviews were completed on schedule; comment resolution is underway. Comments on the 120 day deliverables will be provided by January 29, 1999. The key data needs for the TWRS Privatization System Analysis and Optimization Studies are being gathered from BNFL and the Project Hanford Management Contractor (PHMC).
- M-90-00, Complete Acquisition of New Facilities, Modifications of Existing Facilities, and/or Modifications of Planned Facilities, As Necessary to Conduct Interim Storage of Immobilized High Level Waste (ILHW) and Storage and Disposal of Immobilized Low Activity Tank Waste (ILAW): Tri-Party Agreement Milestone M-90-01, Submit Interim Storage and Disposal ILAW and Interim Storage IHLW Project Plans to Ecology, activities continue at a funding level that is not optimum. The Performance Assessment (PA) in support of M-90-05T, Submit Final ILAW Disposal Facility PA, is undergoing review by the DOE-HQ Low-Activity Waste Federal Review Group. The 90 percent conceptual design for Project W-520 is complete but on hold pending completion of an alternative analysis. The Notice of Intent for the revised Canister Storage Facility (CSF) was prepared for Project W-464 (M0-90-12).
- M-20-00, Submit Part B Permit Applications: The CSF Part B Permit (M-20-56) and the Part B Permits for the ILAW are on hold pending completion of the IHLW alternative analysis, Tri-Party Agreement negotiations for TWRS Privatization and need date for permits. Revision dates to the Privatization contract have changed the need date for Projects W-464, W-465, and W-520; dates are no longer consistent with Tri-Party Agreement M-90 and M-20 milestone dates.

Final Safety Analysis Report (FSAR): The Final FSAR is currently in Tier II review by TWRS. Approval authority for the FSAR was delegated from DOE-HQ to RL. Transition from the TWRS Basis of Interim Operation (BIO) to the FSAR will commence in FY 1999.

Vadose Zone: Ecology withdrew their request for incorporation of the substantive provisions of the State's Model Toxics Control Act (MTCA) as the controlling regulation in this RCRA Corrective Action under the Tri-Party Agreement. The parties resolved the dispute and reached agreement on a Tri-Party Agreement Change Request. Due to the high interest by stakeholders, a public review period is scheduled from February 15, 1999, to April 1, 1999.

**NOTE: NEXT TRI-PARTY AGREEMENT MILESTONE REVIEW MEETING IS
SCHEDULED FOR TUESDAY, FEBRUARY 23, 1999**

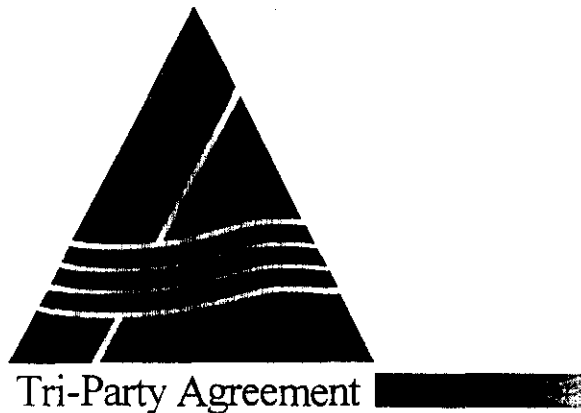
**Milestones to be reviewed: M-13, -15, -16, -24, -93
M-82, 89, 92**

Chairperson: P. M. Knollmeyer

Tank Waste Remediation System

Tri-Party Agreement

Quarterly Milestone Review



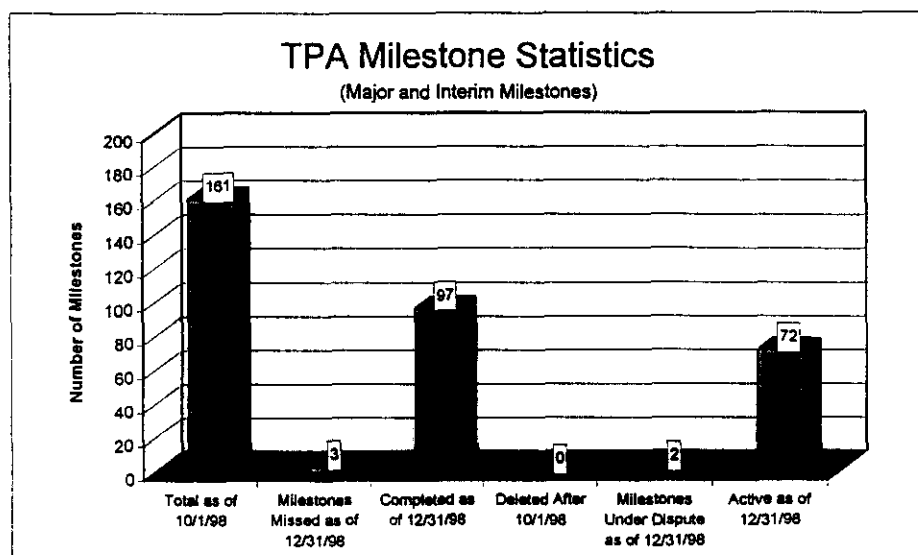
U.S. Department of Energy
U.S. Environmental Protection Agency
Washington State Department of Ecology

January 26, 1999

Agenda

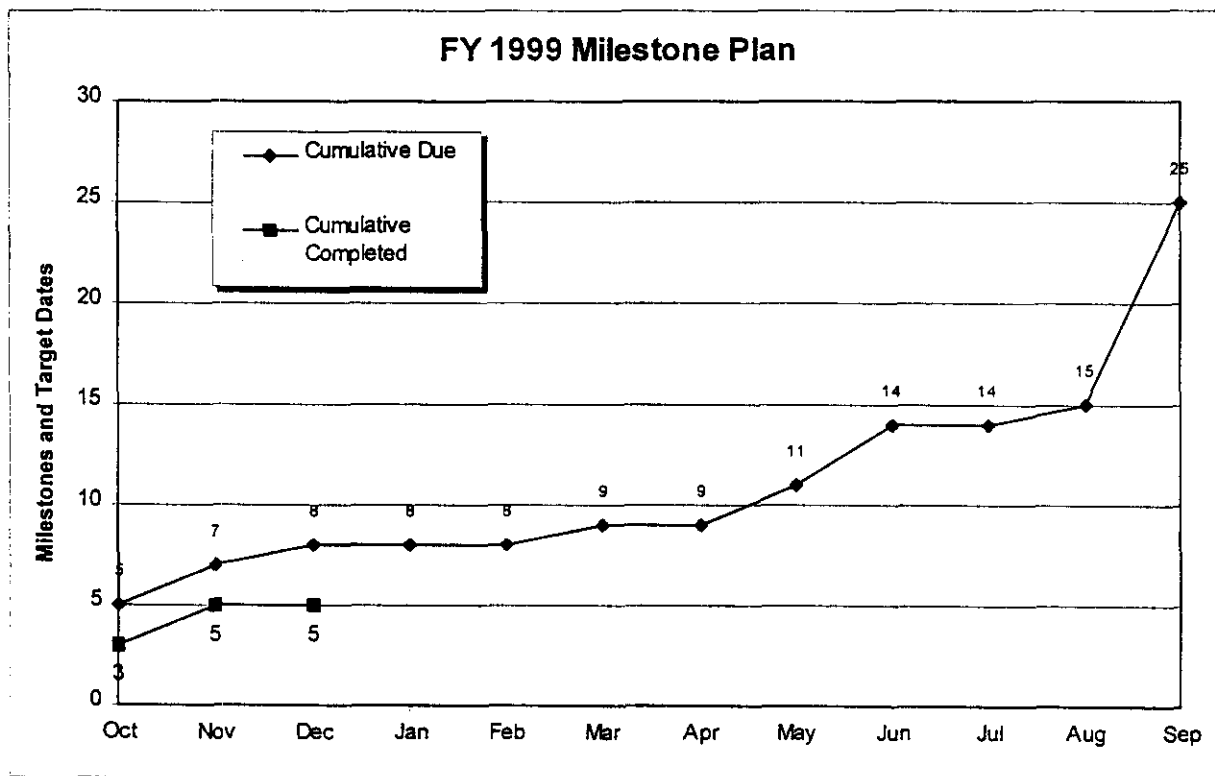
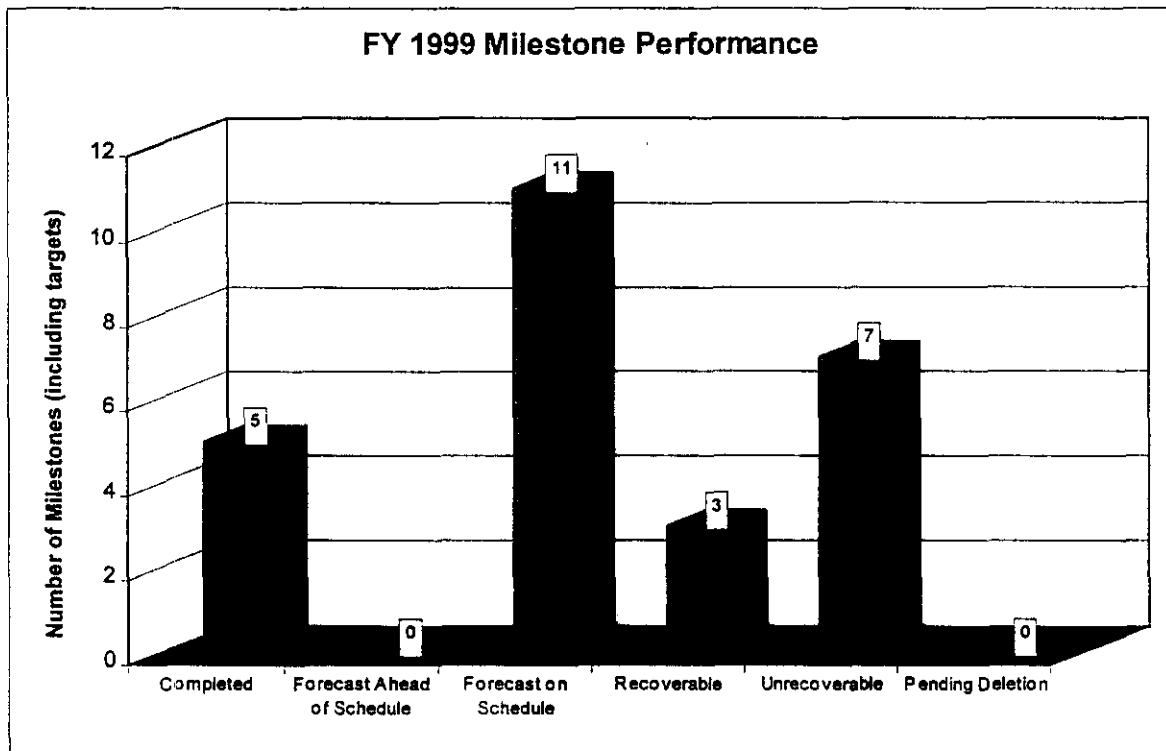
Tank Waste Remediation System Tri-Party Agreement Quarterly Milestone Review January 26, 1999

TOPIC	DISCUSSION LEADS	TIME
FY 1999 Cost and Schedule Performance Overview	Jon Peschong	9:00
FY 1999 TWRS Tri-Party Agreement Milestones Status/Issues/Planned Activities	Suzanne Dahl/Felix Miera	
M-32-00, Complete Identified Dangerous Waste Tank Corrective Actions	Dana Bryson/Mark Ramsey/ Tony Valero	9:25
M-41-00, Interim Stabilization	Dana Bryson/Lina Pacheco/ Casey Ruud	9:35
M-43-00, Tank Farm Upgrades	Dana Bryson/Jim Navarro/ Dick Heggen	9:45
M-46-00, Double Shell Tank Space Evaluation	Dana Bryson/Mark Ramsay/ Scott McKinney	10:10
M-40-00, Safety Issue Resolution	Carol Sohn/Craig Groendyke/ Tony Valero	10:25
M-44-00, Tank Waste Characterization	Carol Sohn/Jim Thompson/ Dave Dougherty	10:40
M-45-00, Single Shell Tank Closure	Bill Taylor/Bruce Nicoll/ Scott McKinney	10:50
M-50, 51, 60, 61-00, Treatment and Immobilization of Hanford Tank Waste	Bill Taylor/Rob Gilbert/ Suzanne Dahl	11:10
M-90-00, Complete Acquisition of Facilities for Interim Storage of IHLW and storage/disposal of ILAW	Bill Taylor/Phil LaMont/ Bob Julian	11:25
Other		
• Vadose Zone	Dave Olson/Jim Poppiti/ Roger Stanley	11:40



	Milestone Completion Date	Total Milestones as of 10/1/98	Milestones Completed as of 12/31/98	Milestones Deleted After 10/1/98	Milestones Under Dispute as of 12/31/98	Milestones Active as of 12/31/98	Milestones Missed as of 12/31/98
M-40-00 Mitigate/Resolve Tank Safety Issues for High Priority Watchlist Tanks	9/30/2001	19	17	0	1	2	0
M-41-00 Complete Single Shell Tank Interim Stabilization	9/30/2000	19	12	0	1	7	2
M-43-00 Complete Tank Farm Upgrades	6/30/2005	20	15	0	0	5	0
M-44-00A Double and Single Shell Tank Characterization	9/30/2002	34	19	0	0	15	0
M-45-00 Complete Closure of all Single Shell Tank Farms	9/30/2024	29	11	0	0	18	1
M-46-00 Double Shell Tank Space Evaluation	9/30/1998	20	10	0	0	10	0
M-50-00 Complete Pretreatment Processing of Hanford Tank Wastes	9/30/2024	4	2	0	0	2	0
M-51-00 Complete Verification of Hanford High Level Tank Waste	12/31/2028	4	2	0	0	2	0
M-60-00 (primary path) Complete Pretreatment and Immobilization of Hanford Low Activity Tank Waste	12/31/2024	(12)*	8	0	0	(4)*	0
M-61-00* (alternate path) Complete Pretreatment and Immobilization of Hanford Low Activity Tank Waste	12/31/2028	4	0	0	0	4	0
M-90-00 Interim Storage and Disposal of LAW and Interim Storage of HLW	TBD	8	1	0	0	7	0
Total		161	97	0	2	72	3

*DOE abandoned the primary path per letter dated June 18, 1998. M-60-00 milestones were automatically deleted from the Tri-Party Agreement, and M-61-00 milestones were activated under the alternate path (Ecology and EPA stated their disagreement with this footnote at the July 28 1998 IAMIT meeting).



Fiscal Year 1999 Tri-Party Agreement Milestone Status

Milestone	Description	Due Date	Completed	Forecast		Recoverable	Unrecoverable	Pending Deletion
				Ahead of Schedule	On Schedule			
M-32-00	Complete Identified Dangerous Waste Tank Corrective Actions.	9/30/99				X		
M-32-06	Complete 244-AR-Vault Interim Status Tank Actions.	TBD				X		
M-32-06-T01	Complete and Submit Integrity Assessment Report and Identified Upgrades for 244-AR-Vault Interim Status Tank System. Provide a Schedule to Address any Deficiencies Related to Tank System Compliance.	TBD				X		
M-40-12	Resolve Nuclear Criticality Safety Issue.	9/30/99			X			
M-41-22	Start Interim Stabilization of 6 SSTs.	9/30/97					X	
M-41-23	Start Interim Stabilization of 8 SSTs.	3/31/98					X	
M-41-24	Start Interim Stabilization of 9 SSTs.	9/30/98					X	
M-41-25	Start Interim Stabilization of 3 SSTs.	3/31/99					X	
M-41-26	Start Interim Stabilization of 2 SSTs.	9/30/99					X	
M-41-27-T03	Complete Salt Well Pumping of 5 SSTs.	9/30/99					X	
M-41-27-T04	Complete Salt Well Pumping of 8 SSTs.	9/30/99					X	
M-43-12	Start Construction for Upgrades in the First Tank Farm.	6/30/99	X					
M-44-13C	Submit Draft WIRD to Ecology for FY 2000.	6/30/99			X			
M-44-14C	Submit Final WIRD for FY 2000 to Ecology.	8/31/99			X			
M-44-15C	Issue Characterization Deliverables Consistent with WIRD Developed for FY 1999.	9/30/99			X			
M-44-16C	Complete Input of Characterization Information for HLW Tanks per WIRD Sampling into Electronic Database. Offsite Access to be Available to EPA and Ecology.	9/30/99			X			
M-45-02D	Submit Annual Update of SST Retrieval Sequence Document for Ecology Approval.	9/30/99			X			
M-45-03A	Initiate Sluicing Retrieval of C-106.	10/31/97	X					
M-45-09D	Submit Annual Progress Reports on the Development of Waste Tank Leak Monitoring and Mitigation Activities in Support of M-45-08.	9/30/99			X			
M-45-10A-T1	Submit DOE Approved DQO for Tank Waste Retrieval.	5/31/99			X			
M-46-00F	Double Shell Tank Space Evaluation.	9/30/99			X			
M-46-01E	Concurrence of Additional Tank Acquisition.	11/30/98	X					
M-50-04-T02	Initiate Definitive Design of the HLW Pretreatment Facility.	11/30/98	X					
M-51-03-T02	Initiate Definitive Design of the HLW Vitrification Facility.	12/31/98	X					
M-51-04B-T1	Submit Approved DQO for HLW Feed Staging.	5/31/99			X			
M-90-12	Submit Revised Canister Storage Facility Part A Dangerous Waste Permit Application to Ecology.	6/30/99			X			
TOTAL			5	0	11	3	7	0

Change Request M-41-98-01

Submitted to Ecology July 2, 1998. Disapproved by Ecology on July 16, 1998. DOE invoked dispute on July 2, 1998; elevated to IAMIT on August 20, 1998. Dispute extended at Director level pending outcome of M-41-22 and M-41-23 discussions.

**Change Request M-45-98-03
SST Corrective Action
Groundwater/Vadose Zone**

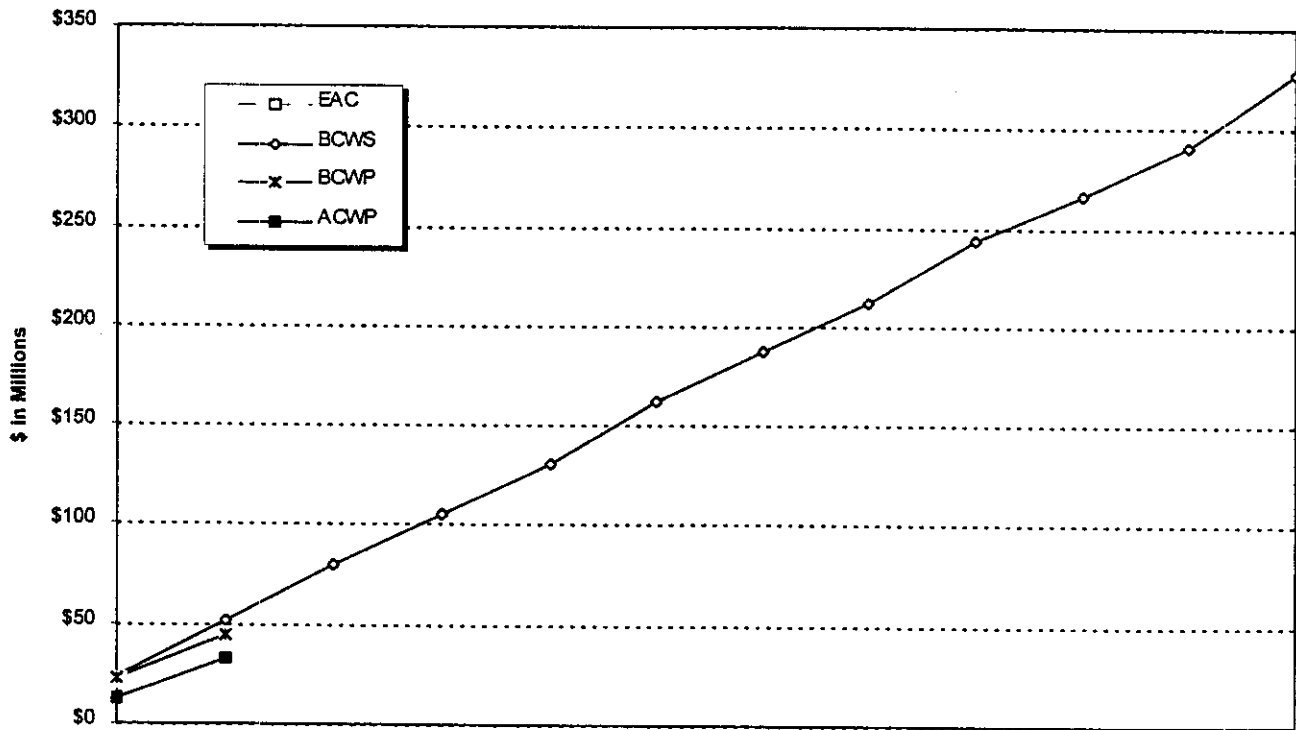
Dispute resolution for proposed SST corrective action elevated to IAMIT on August 21, 1998. Dispute resolution and corrective action request suspended on September 11, 1998. Negotiations scheduled October 7, 1998 through December 4, 1998. Extended through December 11, 1998. Dispute reinstated December 18, 1998 at IAMIT level. Dispute resolved January 8, 1999. Change package to go to public comment approximately February 15, 1999 through April 1, 1999.

M-40-07 Dispute

The dispute concerning completion of Interim Milestone M-40-07 (C-103 Ventilation System) was invoked on April 9, 1997, and has been extended at the IAMIT level through January 26, 1999. Agreement has been reached to resolve the dispute and it is expected that a "Resolution of Dispute" will be approved at the IAMIT meeting on January 26, 1999.

Tank Waste Remediation System

FY 1999 Cost/Schedule Performance - All Fund Types - Cumulative to Date Status

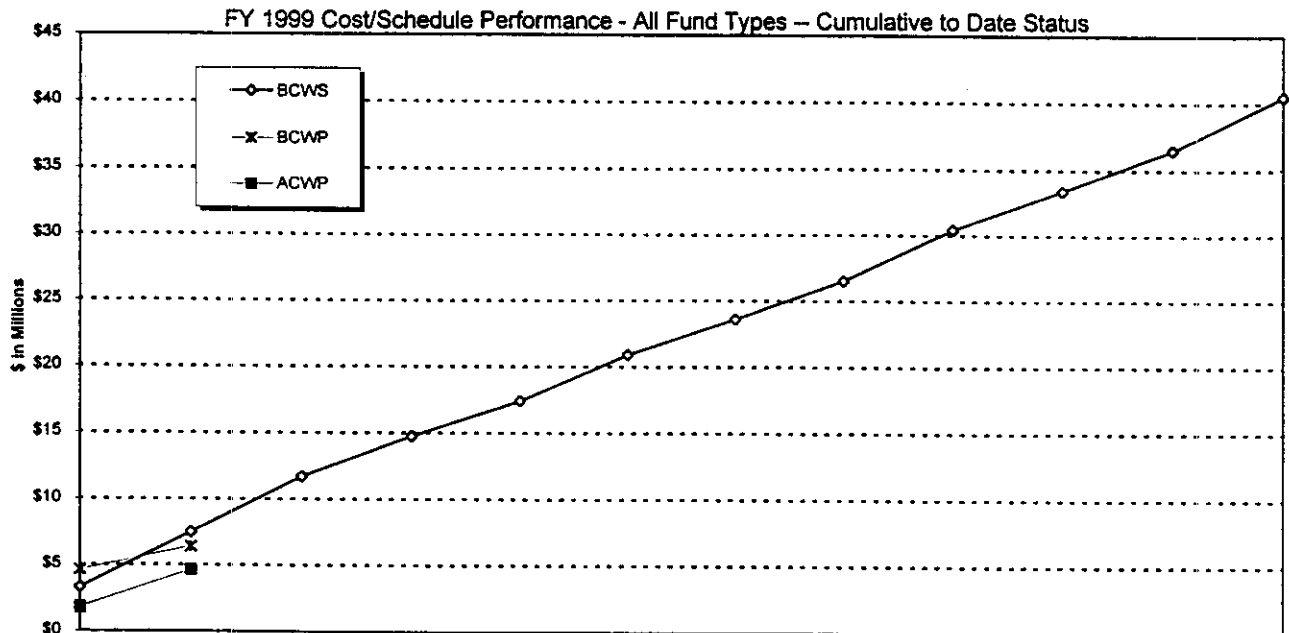


	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
EAC												
MYWP												
BCWS	23.7	51.5	79.6	105.3	130.3	162.1	186.9	211.8	243.0	265.9	290.6	327.5
BCWP	22.2	44.5										
ACWP	12.7	32.6										
SV	(1.5)	(7.0)										
CV	9.5	11.9										

*This information is contained in the Hanford Site Performance Report, available on the Internet under DOE Hanford's Home Page at www.hanford.gov/hspr/toc.htm. Slight differences in totals may be due to rounding.

				FYTD				PTS
				BCWS	BCWP	ACWP	SV	CV
1.1.1.1	TWRS Management Support	Expense	5.6	5.4	4.5	(0.2)	0.9	39.0
TW10		CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	0.0	0.0	0.0	0.0	0.0	0.0
		Subtotal 1.1.1.1	5.6	5.4	4.5	(0.2)	0.9	39.0
WASTE STORAGE								
1.1.2.1	Tank Farm Operations	Expense	21.6	17.6	14.0	(4.1)	3.5	129.4
TW03		CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	1.6	1.4	1.3	(0.1)	0.2	11.5
		Subtotal 1.1.2.1	23.2	19.0	15.3	(4.2)	3.7	140.9
1.1.2.2	Tank Safety Issue Resolution	Expense	2.9	2.6	1.6	(0.1)	1.2	19.9
TW02		CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	0.0	0.0	0.0	0.0	0.0	0.0
		Subtotal 1.1.2.2	2.9	2.6	1.6	(0.1)	1.2	19.9
1.1.2.4	Tank Waste Characterization	Expense	7.5	6.4	4.6	(1.0)	1.8	40.8
TW01		CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	0.0	0.0	0.0	0.0	0.0	0.0
		Subtotal 1.1.2.4	7.5	6.4	4.6	(1.0)	1.8	40.8
TOTAL WASTE STORAGE								
		Expense	32.0	26.6	20.2	(5.2)	6.5	190.1
		CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	1.6	1.4	1.3	(0.1)	0.2	11.5
		Total Waste Storage	33.6	28.2	21.5	(5.3)	6.7	201.6
WASTE DISPOSAL								
1.1.3.1	Retrieval	Expense	6.1	5.4	4.4	(1.7)	2.0	51.5
TW04		CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	0.3	0.7	0.5	0.4	0.2	4.1
		Subtotal 1.1.3.1	6.4	7.1	4.9	(1.3)	2.2	55.6
1.1.3.4	Immobilized Tank Waste	Expense	0.7	0.7	0.6	0.0	0.2	4.8
TW09	Storage & Disposal	CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	0.0	0.0	0.0	0.0	0.0	0.0
		Subtotal 1.1.3.4	0.7	0.7	0.6	0.0	0.2	4.8
1.1.3.5	Process Waste Support	Expense	1.3	0.9	0.8	(0.4)	0.1	8.1
TW05		CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	0.0	0.0	0.0	0.0	0.0	0.0
		Subtotal 1.1.3.5	1.3	0.9	0.8	(0.4)	0.1	8.1
1.1.3.6	Privatization Infrastructure	Expense	0.8	0.6	0.1	0.0	0.4	3.4
TW08		CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	0.2	0.7	0.0	0.0	0.1	8.7
		Subtotal 1.1.3.6	0.8	1.3	0.1	0.0	0.5	12.1
TOTAL WASTE DISPOSAL								
		Expense	10.7	8.6	5.9	(2.1)	2.7	67.8
		CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	0.5	1.4	0.5	0.4	0.3	12.8
		Total Waste Disposal	11.2	10.0	6.4	(1.7)	3.0	80.6
	HTI	Expense	1.1	1.3	0.1	0.2	1.2	7.4
		CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	0.0	0.0	0.0	0.0	0.0	0.0
		Subtotal HTI	1.1	1.3	0.1	0.2	1.2	7.4
TANK WASTE REMEDIATION SYSTEMS								
		Expense	49.5	42.2	30.8	(7.3)	11.4	304.3
		CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	2.1	2.3	1.8	0.3	0.5	24.3
		TWRS Total	51.6	44.5	32.6	(7.0)	11.9	328.6

Tank Waste Characterization



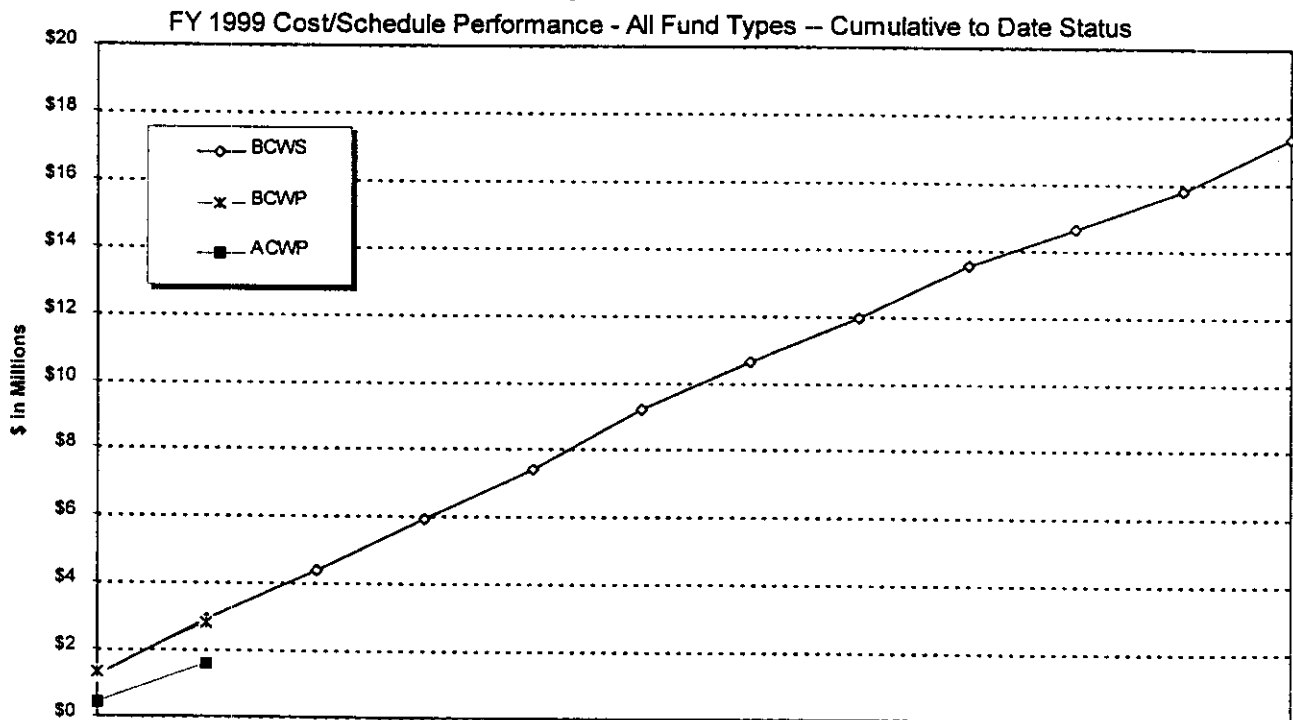
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
BCWS	3.3	7.5	11.7	14.7	17.4	20.9	23.8	26.5	30.4	33.4	36.5	40.5
BCWP	4.6	6.4										
ACWP	1.8	4.6										
SV	1.2	(1.0)										
CV	2.8	1.8										

Note: Data indicates PHMC data only.

		FYTD						PTS
PBS		BCWS	BCWP	ACWP	SV	CV	Cur BSLN	
TW01	Expense	7.5	6.4	4.6	(1.0)	1.8	40.8	
	CENRTC	0.0	0.0	0.0	0.0	0.0	0.0	
	GPP/LI	0.0	0.0	0.0	0.0	0.0	0.0	
Total TW01		7.5	6.4	4.6	(1.0)	1.8	40.8	

\$ in Millions

Tank Safety Issue Resolution



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
BCWS	1.2	2.9	4.4	5.9	7.4	9.2	10.6	11.9	13.5	14.8	15.8	17.3
BCWP	1.3	2.8										
ACWP	0.4	1.6										
SV	0.0	(0.1)										
CV	0.8	1.2										

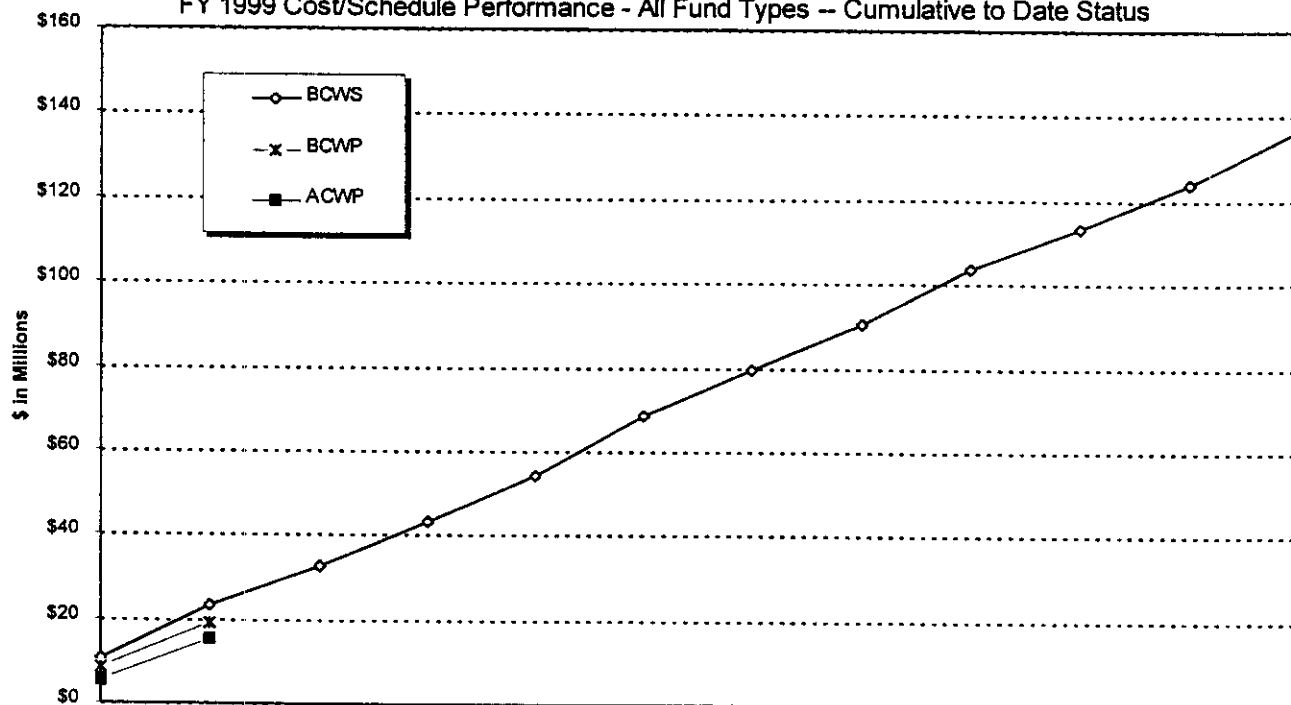
Note: Data indicates PHMC data only.

		FYTD					PTS	
		BCWS	BCWP	ACWP	SV	CV	Cur	BSL
PBS								
TW02	Expense	2.9	2.8	1.6	(0.1)	1.2		19.9
	CENRTC	0.0	0.0	0.0	0.0	0.0		0.0
	GPP/LI	0.0	0.0	0.0	0.0	0.0		0.0
Total TW02		2.9	2.8	1.6	(0.1)	1.2		19.9

\$ in Millions

Tank Farms Operations

FY 1999 Cost/Schedule Performance - All Fund Types -- Cumulative to Date Status



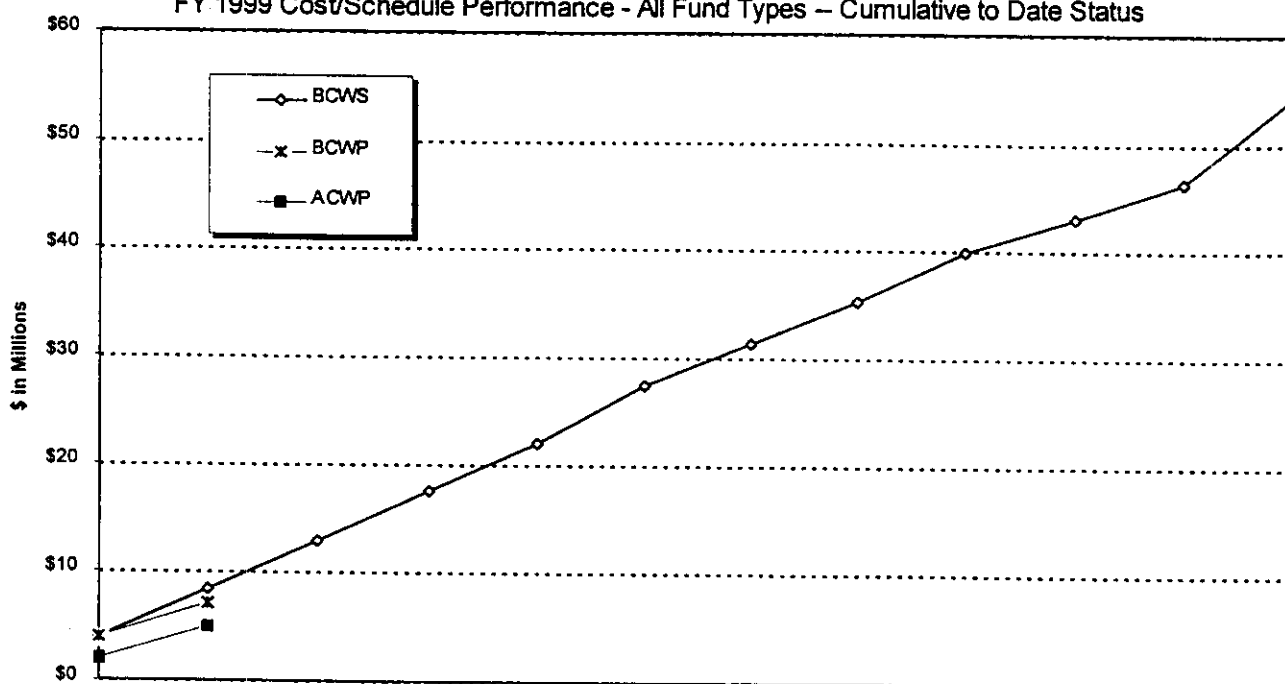
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
BCWS	10.4	23.2	32.7	43.1	54.0	68.2	79.3	90.4	103.6	113.1	123.8	136.5
BCWP	8.5	19.0										
ACWP	5.6	15.3										
SV	(2.2)	(4.2)										
CV	2.8	3.7										

Note: Data indicates PHMC data only.

FYTD										
					BCWS	BCWP	ACWP	SV	CV	Cur BSLN
PBS										
TW03				Expense	21.6	17.6	14.0	(4.1)	3.5	129.4
				CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
				GPP/LI	1.6	1.4	1.3	(0.1)	0.2	11.5
			Total TW03		23.2	19.0	15.3	(4.2)	3.7	140.9

Retrieval

FY 1999 Cost/Schedule Performance - All Fund Types -- Cumulative to Date Status



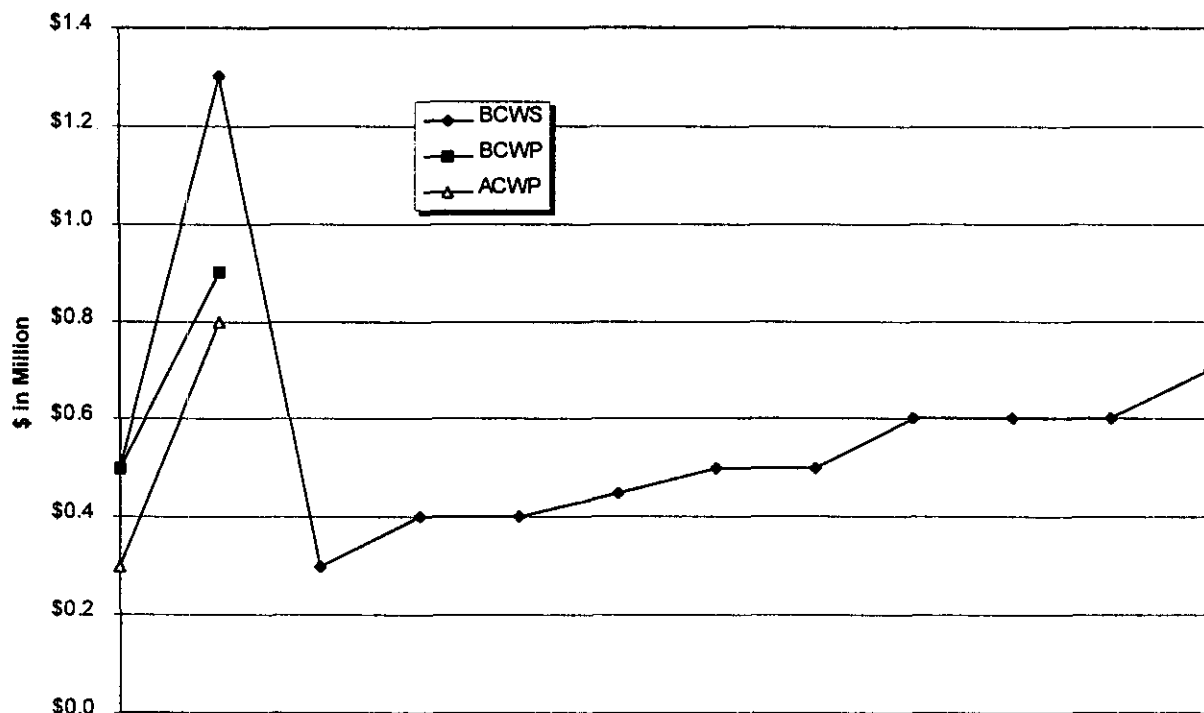
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
BCWS	4.0	8.4	12.8	17.5	22.0	27.4	31.4	35.2	39.9	43.1	46.3	54.2
BCWP	3.9	7.1										
ACWP	1.9	4.9										
SV	(0.2)	(1.3)										
CV	2.0	2.2										

Note: Data indicates PHMC data only.

FYTD									
PBS	BCWS	BCWP	ACWP	SV	CV	Cur	BSLN		
TW04									
	Expense	8.1	6.4	4.4	(1.7)	2.0	51.5		
	CENRTC	0.0	0.0	0.0	0.0	0.0	0.0		
	GPP/LI	0.3	0.7	0.5	0.4	0.2	4.1		
	Total TW04	8.4	7.1	4.9	(1.3)	2.2	55.6		

Process Waste Support

FY 1999 Cost/Schedule Performance - All Fund Types -- Cumulative to Date Status

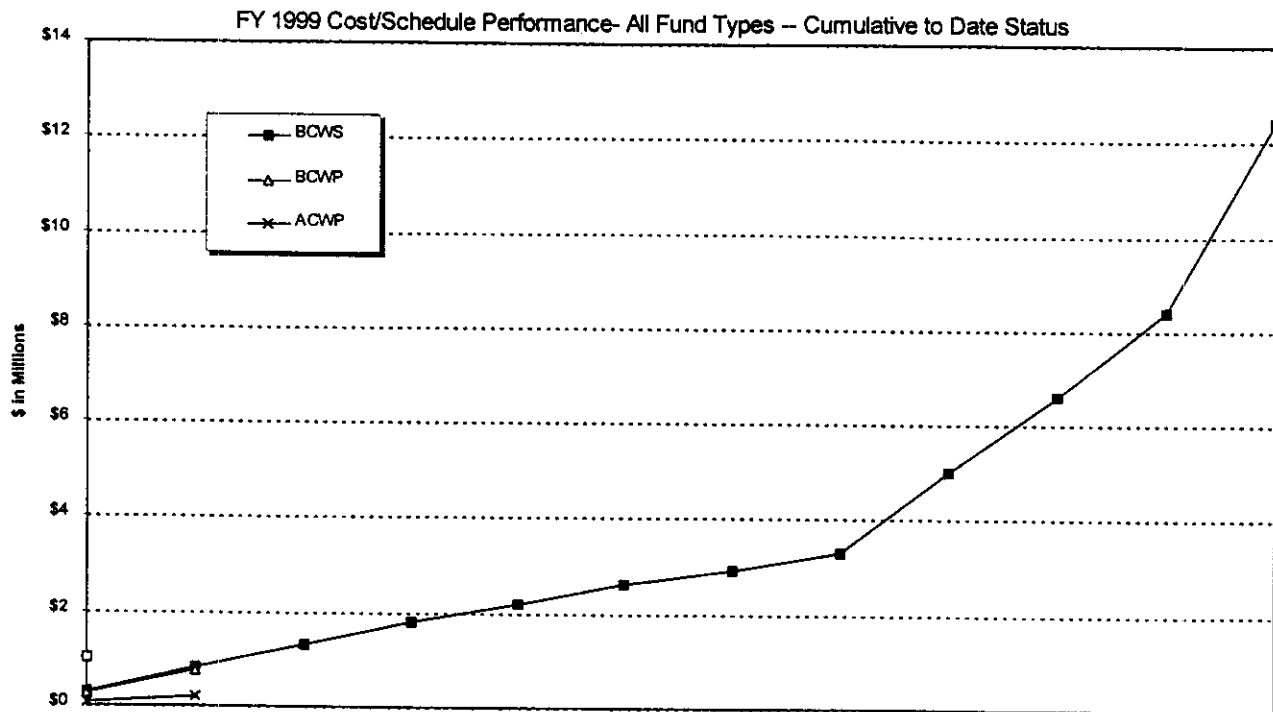


	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
BCWS	0.5	1.3	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7
BCWP	0.5	0.9										
ACWP	0.3	0.8										
SV	(0.1)	(0.4)										
CV	0.1	0.1										

Note: Data indicates PHMC data only.

				FYTD					PTS
				BCWS	BCWP	ACWP	SV	CV	Cur BSLN
1.1.3.5	Process Waste Support	Expense		1.3	0.9	0.8	(0.4)	0.1	8.1
		CENRTC		0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI		0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal TW05			1.3	0.9	0.8	(0.4)	0.1	8.1

Privatization Infrastructure



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
BCWS	0.30	0.80	1.30	1.80	2.20	2.60	2.90	3.30	5.00	6.80	8.40	12.40
BCWP	0.26	0.75										
ACWP	0.05	0.20										
SV	(0.03)	(0.03)										
CV	0.20	0.60										

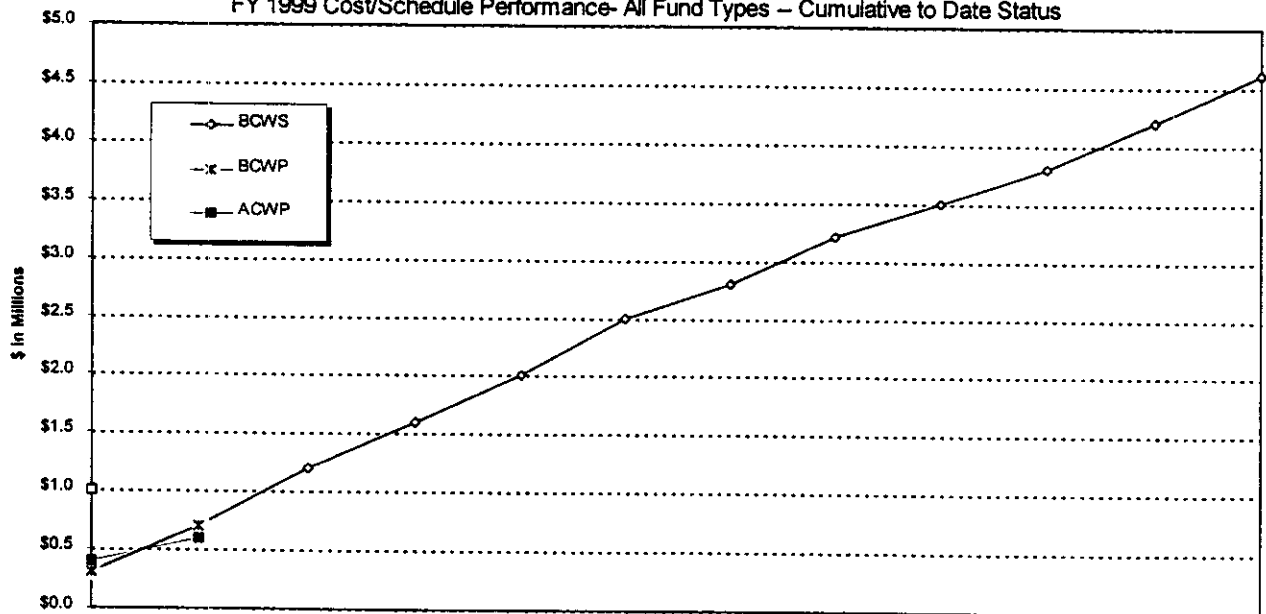
Note: Data indicates PHMC data only.

						FYTD					PTS
						BCWS	BCWP	ACWP	SV	CV	Cur BSLN
PBS											
TW08				Expense		0.6	0.6	0.1	0.0	0.4	3.4
				CENRTC		0.0	0.0	0.0	0.0	0.0	0.0
				GPP/LI		0.2	0.7	0.0	0.0	0.1	8.7
				Total TW08		0.8	1.3	0.1	0.0	0.5	12.1

\$ in Millions

Immobilized Tank Waste Storage & Disposal

FY 1999 Cost/Schedule Performance- All Fund Types - Cumulative to Date Status



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
BCWS	0.3	0.7	1.2	1.6	2.0	2.5	2.8	3.2	3.5	3.8	4.2	4.6
BCWP	0.3	0.7										
ACWP	0.4	0.6										
SV	0.0	0.0										
CV	(0.1)	0.2										

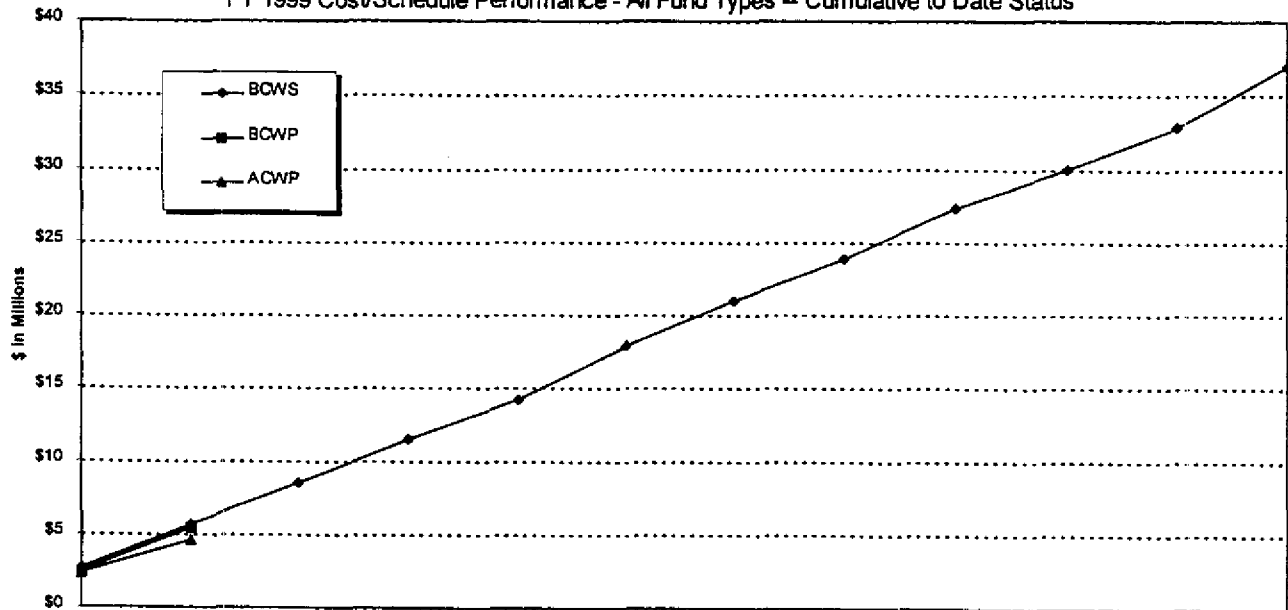
Note: Data indicates PHMC data only.

				FYTD					PTS
				BCWS	BCWP	ACWP	SV	CV	Cur BSLN
PBS									
TW09			Expense	0.7	0.7	0.6	0.0	0.2	4.8
			CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
			GPP/LI	0.0	0.0	0.0	0.0	0.0	0.0
		Total TW09		0.7	0.7	0.6	0.0	0.2	4.8

\$ in Millions

TWRS Project Management

FY 1999 Cost/Schedule Performance - All Fund Types -- Cumulative to Date Status



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
BCWS	2.6	5.6	8.5	11.4	14.2	17.9	20.9	23.8	27.3	29.9	32.8	36.9
BCWP	2.4	5.4										
ACWP	2.3	4.5										
SV	(0.2)	(0.2)										
CV	0.2	0.9										

Note: Data indicates PricewaterhouseCoopers data only.

FYTD										
	BCWS	BCWP	ACWP	SV	CV	PTS				
PBS						Cur BSLN				
TW10										
	Expense	5.6	5.4	4.5	(0.2)	0.9	39.0			
	CENRTC	0.0	0.0	0.0	0.0	0.0	0.0			
	GPP/LI	0.0	0.0	0.0	0.0	0.0	0.0			
	Total TW10	5.6	5.4	4.5	(0.2)	0.9	39.0			

\$ in Millions

**FY 1999 Cost/Schedule Variance Summary
Through November 1998**

PBS	Description and Cause	Impact/Corrective Action
TW01 Tank Waste Characterization	<p>Cost Variance (+30%): The favorable cost variance is due to not fully costing enterprise company and vendor contracts. One week of exempt and non-exempt labor costs are missing.</p> <p>Schedule Variance (-14%): The unfavorable schedule variance is due to delays in sampling activities caused by weather, truck equipment problems, and operation basis procedure issues.</p>	<p>Corrective Action: Cost variance will be reduced as cost expenditures increase with sampling activities. FDH Accounting is looking at possible solutions for aligning last week of labor costs to appropriate fiscal month-end processing.</p> <p>Corrective Action: Schedule recovery will be accomplished with targeted use of overtime during the remainder of the year.</p>
TW02 Tank Safety Issue Resolution	<p>Cost Variance (43%): The favorable cost variance is due to not fully costing work by PNNL, enterprise company, and contract support. One week of exempt and non-exempt labor costs are missing.</p> <p>Schedule Variance (-2%): Within the 7.5% threshold.</p>	<p>Corrective Action: Accruals are being made. FDH Accounting is looking at possible solutions for aligning last week of labor costs to appropriate fiscal month-end processing.</p>
TW03 Tank Farm Operations	<p>Cost Variance (+18%): The favorable cost variance due to continuing accrual issues for enterprise company and vendor contracts for work performed during October/November and missing non-bargaining labor.</p> <p>Schedule Variance (-18%): The unfavorable schedule variance is due to incorrect time-phasing of major work scopes and minor slips within DST Integrity Assessment, exhauster procurement for Interim Stabilization, and S-106 pumping preparation schedules.</p>	<p>Corrective Action: Pursue system fix for labor cost collection and timely accruals.</p> <p>Corrective Action: Time-phasing will be corrected in January. Miscellaneous variances are anticipated to be recovered with no impact to end dates.</p>

PBS	Description and Cause	Impact/Corrective Action
TW04 Retrieval Project	<p>Cost Variance (+34%): The majority of the favorable cost variance is due to understating of W-151 subcontract accruals.</p> <p>Schedule Variance (-16%): The unfavorable schedule variance is due to:</p> <ol style="list-style-type: none"> 1. Selected activities to initiate operation of the W-151 mixer pumps have been placed on hold pending rebaselining of the work scope. 2. C-106 sluicing operations have been placed on hold due to the organic vapor issue. 3. Retrieval engineering work not started due to unavailability of resources and procedural problems encountered in the 222-S Lab. 	<p>Corrective Action: Accrual entries will be made.</p> <p>Corrective Action: Complete rebaseline activities by 1/15/99.</p> <p>Corrective Action: Contractor working to resolve vapor problem and developing a recovery plan.</p> <p>Corrective Action: Obtain additional resources and continue resolution of 222-S Lab problems.</p>
TW05 Process Waste Support	<p>Cost Variance (+43%): The favorable cost variance is due to not utilizing planned support for Interface IPT and FY 1998 ICD updates.</p> <p>Schedule Variance (-65%): The unfavorable schedule variance is due to not initiating the work to disposition the waste treatability samples from FY 1998.</p>	<p>Corrective Action: Build a viable BNFL-DOE-PHMC interface process.</p> <p>Corrective Action: Work with Waste Management Hanford to dispose of samples.</p>
TW08 Privatization Infrastructure	<p>Cost Variance (+80%): The favorable cost variance results from FY 1998 year-end accruals being reversed and not reaccrued and delays in receipt of enterprise company costs.</p> <p>Schedule Variance (-4%): Within the 7.5% threshold.</p>	<p>Corrective Action: Prior year contracts will be reaccrued in December and accrual entries will be made.</p>
TW09 Immobilized Tank Waste	<p>Cost Variance (+29%): The favorable cost variance is due to use of inaccurate charge codes and delays in receipt of PNNL and enterprise company costs.</p> <p>Schedule Variance (-4%): Within the 7.5% threshold.</p>	<p>Corrective Action: A cost transfer will be processed to correct costing errors. Accrual entries will be made.</p>
TW10 Management Systems	<p>Cost Variance (+15%): Majority of the favorable cost variance results from FY 1998 year-end accruals being reversed and not reaccrued.</p> <p>Schedule Variance (-3%): Within the 7.5% threshold.</p>	<p>Corrective Action: Prior year contracts will be reaccrued in December bringing the variance closer to 0%.</p>

Milestone M-32-00, "Complete Identified Dangerous Waste Tank Corrective Actions"

DST INTERIM MILESTONE WITHIN M-32 HAS BEEN COMPLETED. DST ASSESSMENT ACTIVITIES LISTED BELOW WERE NOT INCORPORATED INTO THE MILESTONE.

Status:

- Completed 244-S DCRT assessment report.
- Completed UT examination of tank AN-105 vertical wall strip.

Planned Activities:

- Complete tank AN-105 UT.
- Begin field activities for 244-A DCRT assessment. (244-A DCRT may be shifted to later in FY 1999, if so another unit will be chosen.)
- Begin field preparations for tank AY-102 UT.

Milestone M-40-00, "Mitigate/Resolve Tank Safety Issues for High Priority Watchlist Tanks"

Status:

- Work on M-40-12 "Resolve Nuclear Criticality Safety Issue" is on schedule (9/99).
- The mitigation/resolution path forward for the level rise issue will be reviewed in detail for potential impacts to other TPA milestones or program elements.

Issues:

- M-40-07 dispute extended to January 26, 1999 at IAMIT level.
- Level rise in SY-101 has a potential to impact M-40-00 for that tank.

Planned Activities:

- Submit organic solvent documentation to DOE-HQ to resolve safety issue.
- Continue to refine the analysis tool and framework for DST and SST safety issue resolution.

Milestone M-41-00, "Complete Single Shell Tank Interim Stabilization"

Status:

- Single-Shell Tanks (SSTs) 241-T-104, 241-T-110, 241-SX-104, and 241-SX-106 are being interim stabilized.
- Total gallons of liquid waste pumped from June 1, 1998 (as of 1/19/99): T-104 pumped 26,747 gallons, T-110 pumped 20,926 gallons, SX-104 pumped 54,239 gallons, and SX-106 pumped 21,683 gallons.
- Engineering and Field preparation work in progress to support Tanks S-102, S-103, and S-106 pump starts.
- On December 15, 1998, RL received a summary of the proposed Rev. 3 technical scope cost and schedule baseline for SST Interim Stabilization (IS).
- Subsequent to obtaining DOE Headquarters management, EM-30, approval of the schedule and funding requirements enclosed for the proposed consent decree, DOE transmitted its proposal to the State of Washington on December 18, 1998.

Issues:

- The January 15, 1998, forecast completion date for Rev. 3 of SST IS Project Plan has been reforecast for January 29, 1999. Thus, extending RLs ongoing detail review of the basis of estimate by a minimum of 2 weeks.

Planned Activities:

- Finalize negotiations with the State of Washington.
- Complete RLs review of the detail basis of estimate and Rev. 3 of the Project Plan and establish a technical scope, cost and schedule baseline for the SST IS Project.
- Prepare S-102, S-103, and S-106 for FY99 pumping starts.
- Prepare U-Farm for an initial U-Farm tank start by October 1999.
- Determine method for retrieval of organic layer in Tank 241-C-103.

Milestone M-43-00, "Tank Farm Upgrades"

- M-43-11, "Provide the W-314 Project Construction Schedule to Ecology" (9/30/98)

Status:

- Submitted letter to WDOE transmitting schedule on August 20, 1998.
- Submitted letter to WDOE notifying completion of M-43-12 on August 6, 1998, due on September 30, 1999.
- Completed the design of AZ Tank Farm Upgrades in September 1998.

Issues:

- The project submitted a re-baselining report on January 15, 1999, for all its Phase 1 activities due to the new BNFL milestones, changes to the project 200 East package, and to capture tank farm resource availability issues. A review of the report by RL has been initiated.

Planned Activities:

- Complete design of the Master Pump Shutdown Package by February 2000.
- Complete design activities for the new "200E Waste Transfer System" by August 1999.
- Continue construction activities on the AN Farm Upgrades package, complete by July 2002.

Milestone M-44-00A, "Issue Tank Characterization Reports (TCRs) Based on Process Knowledge, Prior Characterization Data, and Validated Empirical Data Acquired After May 1989 for 177 Hanford High Level Waste Tanks"

Status:

- The first Quarterly Status Report, October 1 through December 31, 1998, for FY 1999 Waste Information Requirements Document (WIRD) is expected to be submitted by the end of January 1999.
- Obtained a core sample from tank SY-101. Obtained grab sample from tanks U-244 and AY-102. Sampling status as of January 3, 1999 is as follows:

	Tanks Scheduled/Completed	Samples Scheduled/Complete	FY99 Commitment
Auger	0/0	0/0	0
Push	1/0	3/1	21
Rotary	2/1	3/1	
Vapor	0/0	0/0	0
Grab	5.2/4	5.2/4	21

January 1999

- Laboratory Analytical Reports (LARs) were completed and accessible on the Tank Characterization Database for the following tanks: S-110, AX-104, S-106, SY-102, S-103, and AN-102.
- Plan to deliver 7 new (36% complete) and 10 revised (20.3% complete) TCRs for FY 1999.

Privatization:

- The third shipment of AN-102 samples was sent to STRC and the fourth and final shipment is currently being staged for shipment in mid-January.
- Resolution of a compliant method for shipping AZ-102 solids is nearing completion. Based on preliminary results the solids will be mixed with the tank liquids in a ratio of 1:3 or 1:4 to reduce the heat generation rate.

Sampling:

- Investigation into cause for RGS sampler failure revealed a generic problem with consistency of materials in pintle rod, retainer ring and assembly of the samplers.
- Actions are in progress to ensure sufficient, reliable samplers for SY-101 RGS samples and other scheduled core samples.

Partnering Team Meetings:

- The Partnering Team is continuing to meet. The team is composed of new members from DOE and the PHMC.
- The goals of the Partnering Team are to address and develop solutions to potential problem areas in a timely fashion and maintain an open dialog between DOE, Ecology, and the PHMC.
- The next Partnering Team Meeting will be held in January 1999.

Issues:

- Lack of laboratory capability to perform particle size and viscosity testing is an issue affecting completion of laboratory work supporting TCRs and SY-101. Particle size analysis became available 12/1/98 and viscosity analysis is scheduled to be online 1/15/99. Discussions are underway with various potential labs to perform this analysis in the interim.

M-45-00, "Complete Closure of All Single-Shell Tank Farms"

Status:

- M-45-02D: SST Retrieval Sequence

- Update the Tank Waste Remediation System Operations and Utilization Plan
- M-45-03A: C-106 Sluicing
 - Status
- M-45-09D: Leak Monitoring/Detection and Mitigation
 - Work initiated for FY 99 update of the Annual Progress Report on Leak Monitoring/Detection and Mitigation

Issues:

- Path forward on C-106 sluicing

Planned Activities:

- C-106 Sluicing
 - Repair jumper
 - Perform process test
 - Assess need for ventilation system modification

Milestone M-46-00, "Double-Shell Tank Space Evaluation"

- Letter from RL to Ecology by February 1, 1999, stating plan for supplementary OWVP updated case run.

Milestone M-50-00, "Complete Pretreatment Processing of Hanford Tank Wastes"

Milestone M-51-00, "Complete Vitrification of Hanford High Level Tank Wastes"

Milestone M-60-00, "Complete Vitrification of Hanford Low Level Tank Wastes"

Milestone M-61-00, "Complete Pretreatment and Immobilization of Hanford Low Activity Tank Wastes"

Contract Deliverables (Through March 1999)

Item #	Contract Description	BNFL Schedule
B-1-1	Project Management Plan	10/24/98
B-1-2	Integrated Master Plan (Part B-1)	11/23/98
B-1-6	Development Requirements Document	11/23/98
B-1-9	Engineering and Design Standards Requirement Document	11/23/98
B-1-10	Functional Specifications	11/23/98
B-1-11	Basis of Design Document	11/23/98
B-1-13	Facility Design and Operations Philosophy	11/23/98
B-1-30	Quality Assurance Provisions document	11/23/98
B-1-51	Business and Finance Schedule	11/23/98
B-1-8	Pilot Melter Basis of Design Document and Copies of Test Plans	12/15/98
B-1-39	Draft Risk Assessment Work Plan	12/18/98
B-1-3	Initial Cost Documentation Package	12/22/98
B-1-20	System Analysis and Optimization Studies	12/22/98
B-1-60	Estimate of Termination Obligations	12/22/98
B-1-2	Integrated Master Plan (updated for all of Part B)	12/22/98
B-1-22	Waste Form Compliance Plan (WCP) Preliminary (HLW)	1/29/99
B-1-33	Design Safety Features Document	2/24/99
B-1-49	Financing Plan (Initial Draft)	2/24/99
B-1-55	Project Facility Financial Pro-Forma (Draft)	2/24/99
B-1-35	Dangerous Waste Permit Application	3/24/99

Status:

- All BNFL deliverables and DOE reviews have been completed on schedule
- Pricing/re-pricing approach established for basis of Contract negotiations
- Comments on 120-day deliverables will be provided this week
- Key data needs for TWRS-P System Analysis and Optimization Studies are being gathered from BNFL and PHMC
- Presentation of key project activities to the Office of River Protection Executive Board is schedule for the first week in February
- Pilot scale melter on schedule and in bake-out mode
- 6-Month decision:
 - Draft decision criteria and plan prepared – December 1998
 - Cross-organizational team established – January 1999
 - Decision criteria finalized and approved by ORP Executive Board – February 1999

- Decision criteria applied and results presented to ORP Executive Board – March 1999

Milestone M-90-00, "Complete acquisition of new facilities, modifications of existing facilities, and/or modifications of planned facilities, as necessary to conduct interim storage of Immobilized High Level Waste and storage/disposal of Immobilized Low Activity Tank Waste"

Status:

- M-90-01, Submit Interim Storage and Disposal ILAW and Interim Storage IHLW PMPs to Ecology. (12/97)
 - Project Management Plans were completed and delivered to Ecology in December 1997.
 - Ecology and DOE have agreed to update the PMP following the rebaselining to the privatization contract.
 - Revised PMPs are scheduled for September 1999.
- M-90-05T, Submit final ILAW disposal facility Performance Assessment to Ecology for review (12/01)
 - Performance Assessment has been transmitted to DOE-HQ and Ecology (6/98).
 - Performance Assessment is undergoing review by the DOE-HQ Low-Activity Waste Federal Review Group.
- M-90-07T, Complete ILAW disposal facility conceptual design (6/00)
 - Project W-520 90% conceptual design is complete.
 - Conceptual design effort is on hold pending completion of alternative analysis.
 - Contractor recommendation is due to DOE-RL March 31 1999.
- M-90-12, Submit revised canister storage facility Part A (06/99)
 - NOI for Project W-464 prepared.
 - DOE-RL is currently planning to meet M-90-12.

M-20-00, Submit Part B Permit Applications

- M-20-56, Submit canister storage facility Part B (12/00)
 - On hold pending completion of IHLW alternatives analysis, TPA negotiations for TWRS privatization, and need date for permits.
- M-20-57, Submit interim ILAW facility Part B permit application to Ecology (12/2000)

- On hold pending completion of ILAW alternatives analysis, TPA negotiations for TWRS privatization, and need date for permits.

Issues:

- Modification of Project W-465 scope from storage to disposal has not been resolved.
- DOE will be requesting sealed source determination for IHLW canisters and ILAW containers from DOH.
- Revisions to the privatization contract have changed the need dates for Projects W-464, W-465, and W-520; dates are no longer consistent with TPA M-90 and M-20 milestone dates.

Planned Activities:

- Complete ILAW and IHLW alternatives analyses with contractor recommendations for Projects W-464, W-465, and W-520 due to DOE in March 1999.
- Submit M-90 and M-20 Change Request for W-465 scope change to Ecology for consideration (depending on recommended alternatives).
- Rebaseline ILAW and IHLW plans in Multi-Year Program Plan.
- DOE-HQ review of ILAW Performance Assessment scheduled for January 1999.
- Update ILAW and IHLW Project Plans and submit to Ecology.

Clean Air Act

- Non-radioactive air emissions notice of construction for using a portable exhaustor for saltwell pumping of single-shell tanks was approved by WDOE, October 1998.
- Radioactive notice of construction for saltwell pumping of single-shell tanks was approved by WDOH, December 1998.
- C-106 sluicing efforts have been temporarily halted due to exceeding the VOC limits in the notice of construction and worker health and safety issues. Efforts to resolve all issues are in progress.

DST Part B Permitting

- Ecology needs to identify a point-of-contact for TWRS RCRA permit applications.
- Double-Shell Tank RCRA Part B Permit Application.
 - Discussions are needed with the new Ecology TWRS Program and Permitting representatives regarding revision of the Part B permit schedule in response to the one-year extension granted by Ecology.

- Eight chapters completed (Chapters 1, 5, 7, 8, 9, 10, 12, and 13).
- Two chapters (6 and 11) and the recent revision to the DST Waste Analysis Plan (WAP) are with Ecology for review.
- Five chapters are outstanding (Chapters 2, 3, 4, 14, and 15).

Final Safety Analysis Report (FSAR)

- Final FSAR is currently under Tier II review by TWRS
- Approval authority was delegated from DOE-HQ to RL
- Approval planned in FY 1998
- Transition from TWRS BIO to FSAR will commence in FY 1999.

Vadose Zone**Status:**

- DOE and Ecology did not reach a tentative agreement by December 11, 1998 and subsequently entered into dispute on the TPA negotiations for developing a RCRA Corrective Action Program for the SST farms.
- A dispute settlement was reached and signed off by the parties at the IAMIT level on January 8, 1999. The TPA Change Package is scheduled to go out for public review beginning in February for a 45-day comment period.
- Planning is underway for development of the RFI/CMS Work Plan and subsequent Waste Management Area Addenda.

Public Involvement

- Health Safety and Waste Management Committee
 - February 17, 1999, Richland
 - March 10, 1999, Richland
- Hanford Advisory Board
 - February 11-12, 1999, Tri-Cities
 - April 8-9, 1999, Kennewick (tentative)
- Tank Waste Treatment Ad Hoc Committee
 - Dates have not been determined by committee.